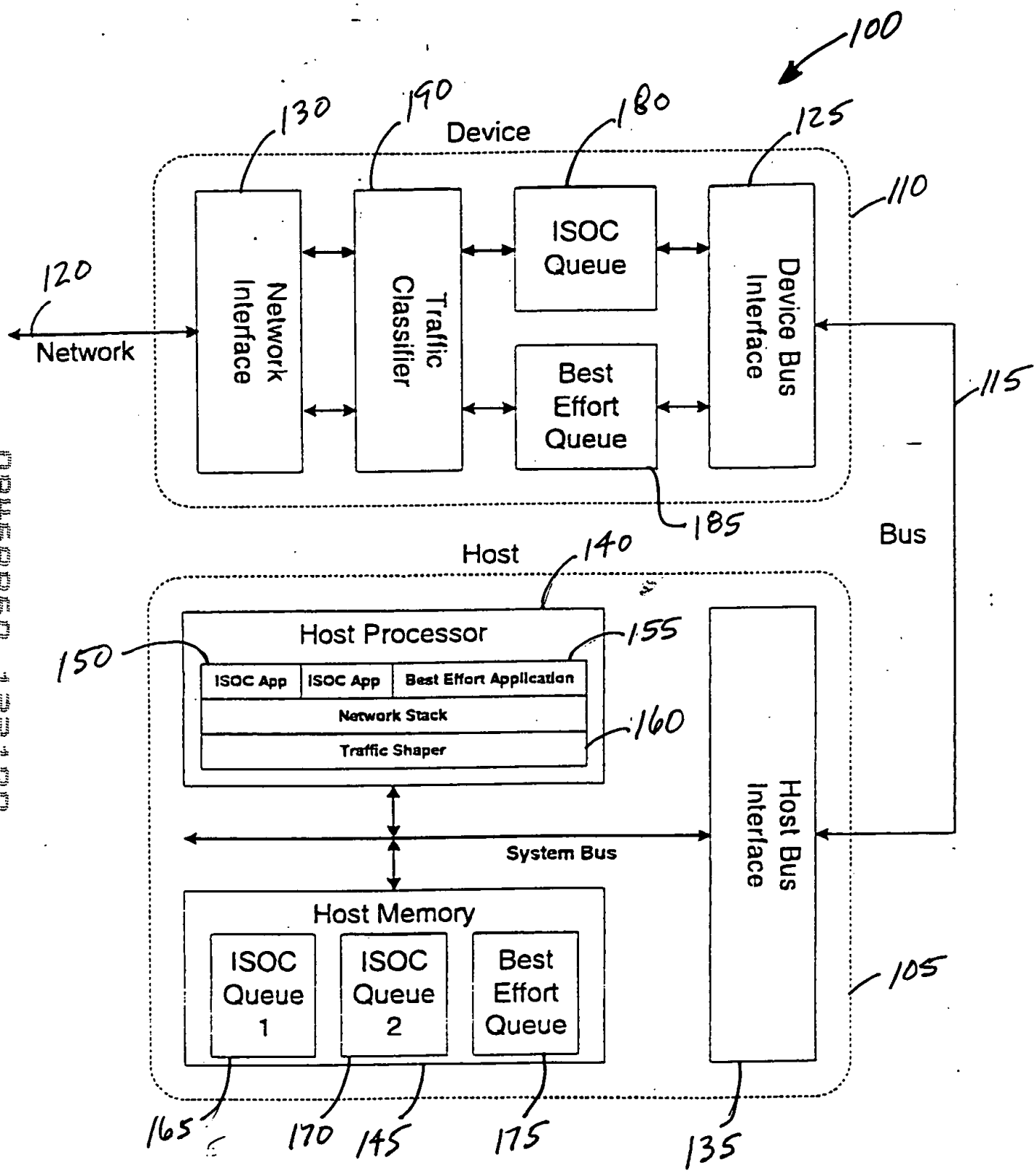
100
Device
130
190
180
125
110
ISOC Queue
Network Interface
Traffic Classifier
Device Bus Interface
120
Network
Best Effort Queue
185
115
Bus
Host
140
Host Processor
155
150
ISOC App
ISOC App
Best Effort Application
Network Stack
160
Traffic Shaper
System Bus
Host Bus Interface
Host Memory
ISOC Queue 1
ISOC Queue 2
Best Effort Queue
105
165
170
145
175
135

FIGURE 1

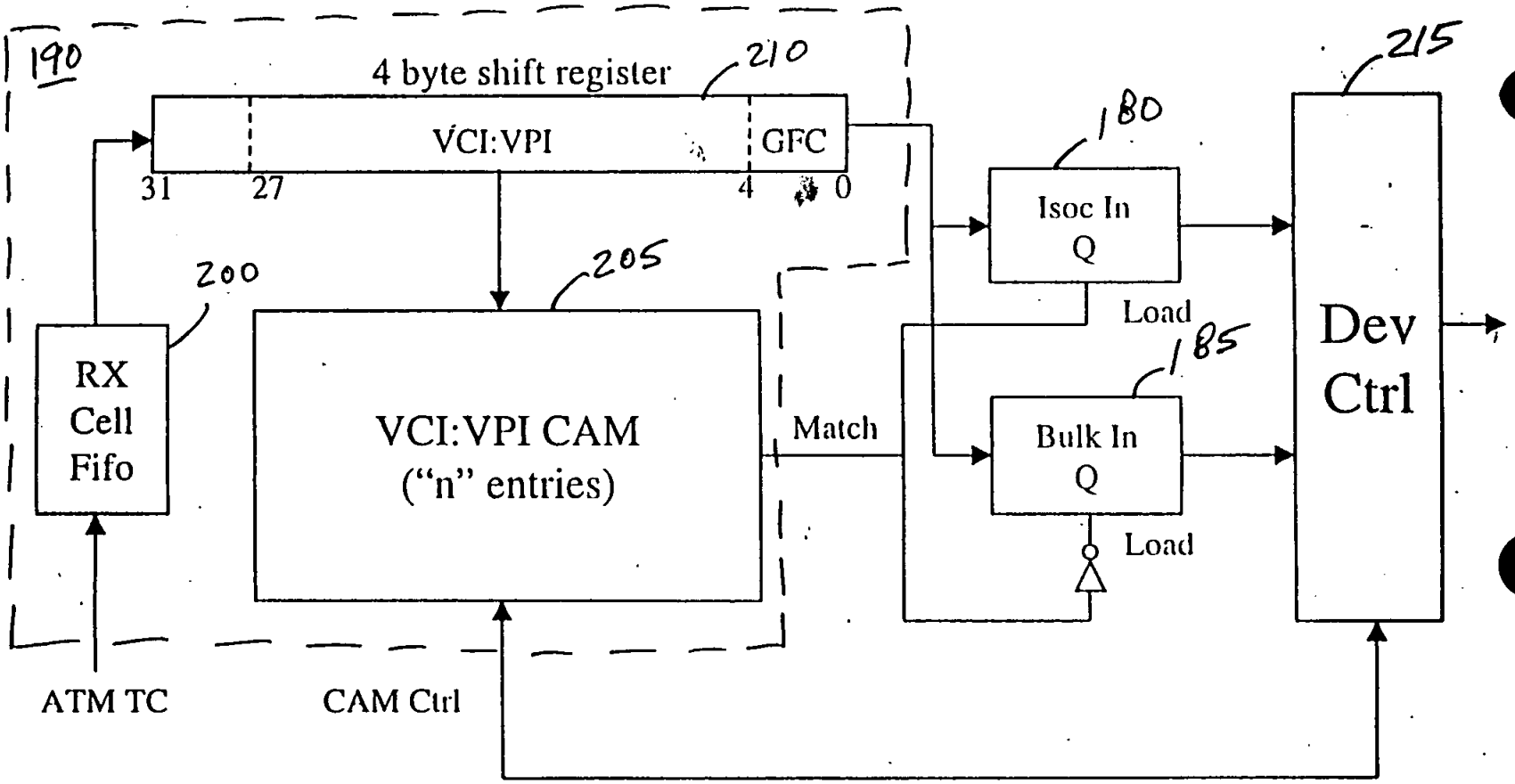
190
4 byte shift register
210
VCI:VPI
GFC
31
27
4
0
180
Isoc In
Q
215
Load
185
Bulk In
Q
Load
Dev
Ctrl
200
205
RX
Cell
Fifo
VCI:VPI CAM
("n" entries)
Match
ATM TC
CAM Ctrl

FIGURE 2